

FIGURE 1

Domains of a Steroid Nuclear Receptor ex. Human Estrogen Receptor (ER)

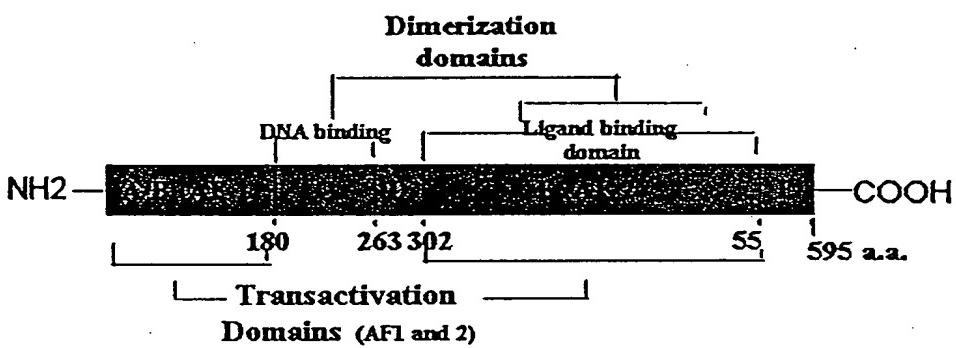


FIGURE 2

Cloning Strategy for DNA binding domain Replacement

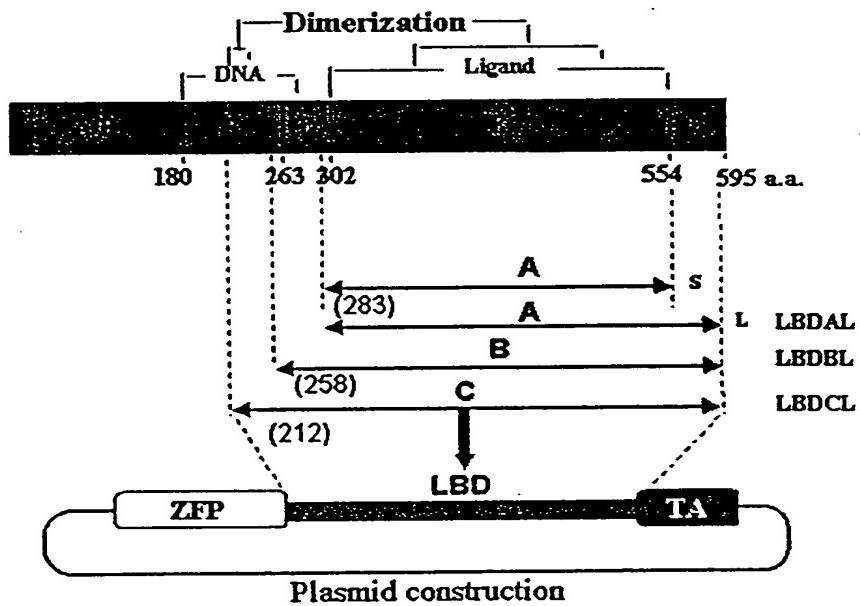


FIGURE 3

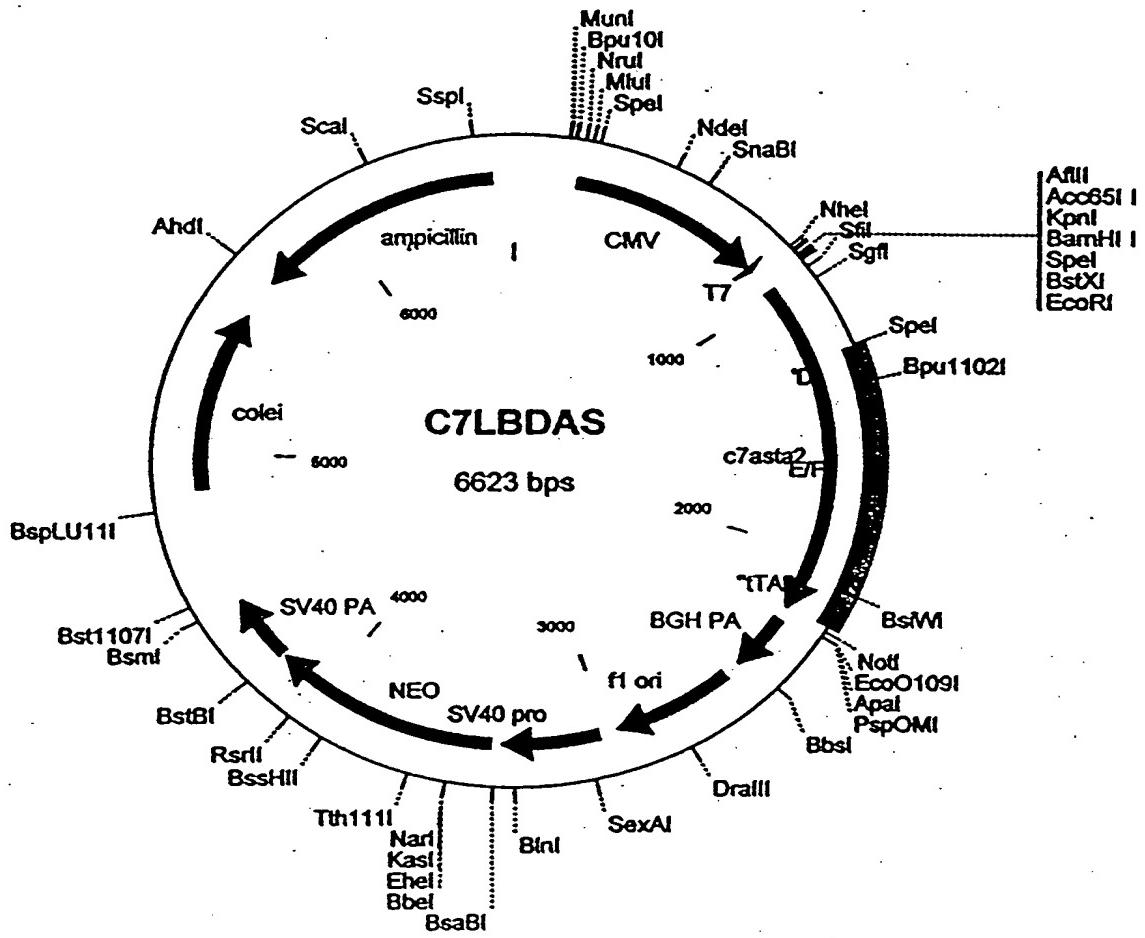


FIGURE 4

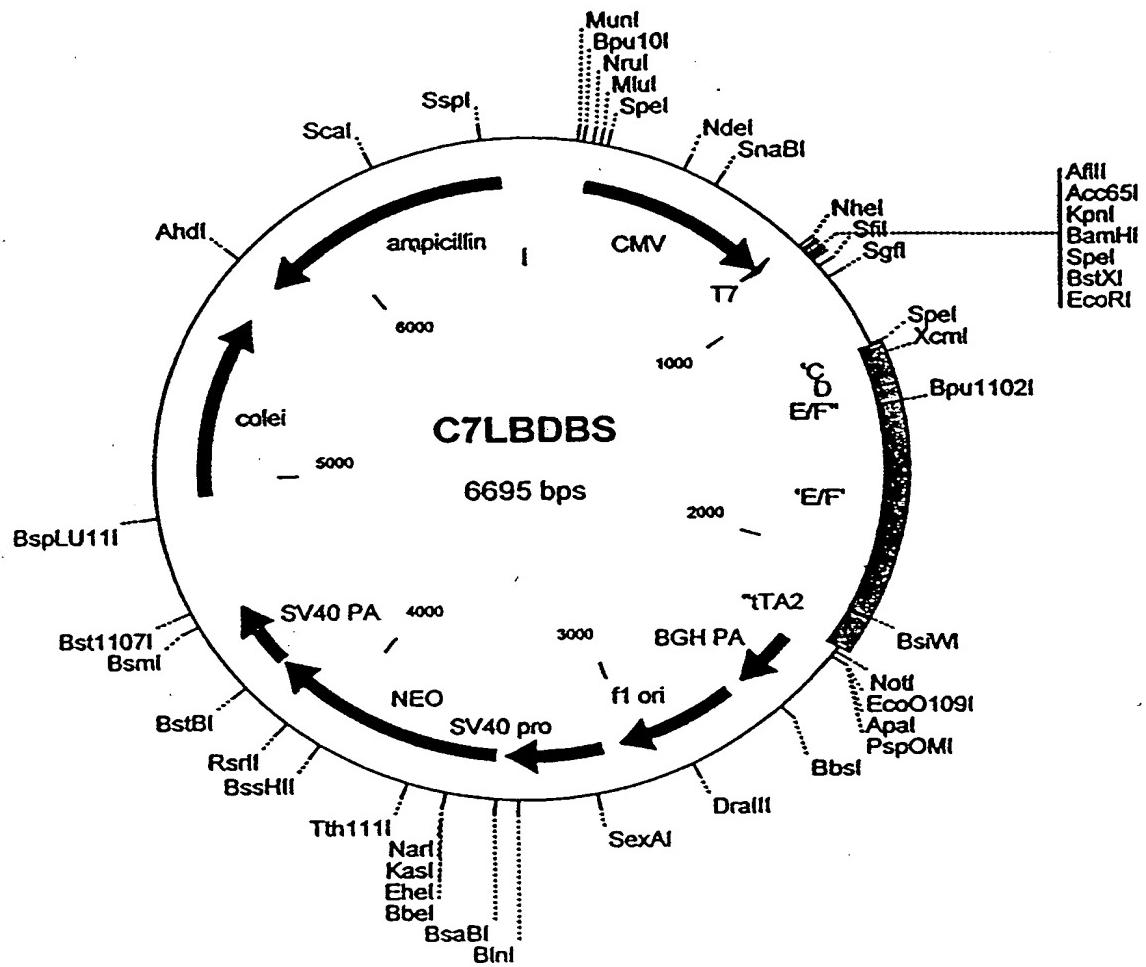


FIGURE 5

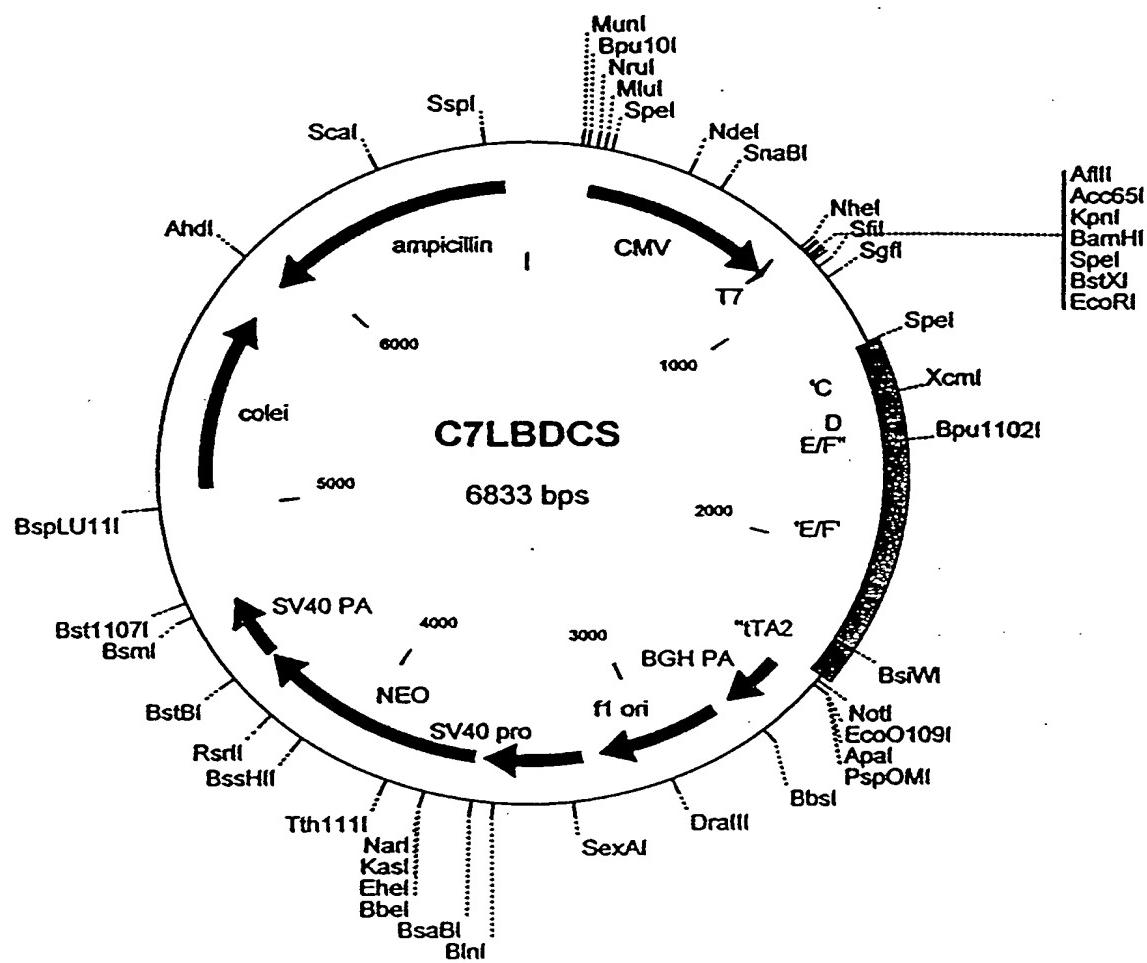


FIGURE 6

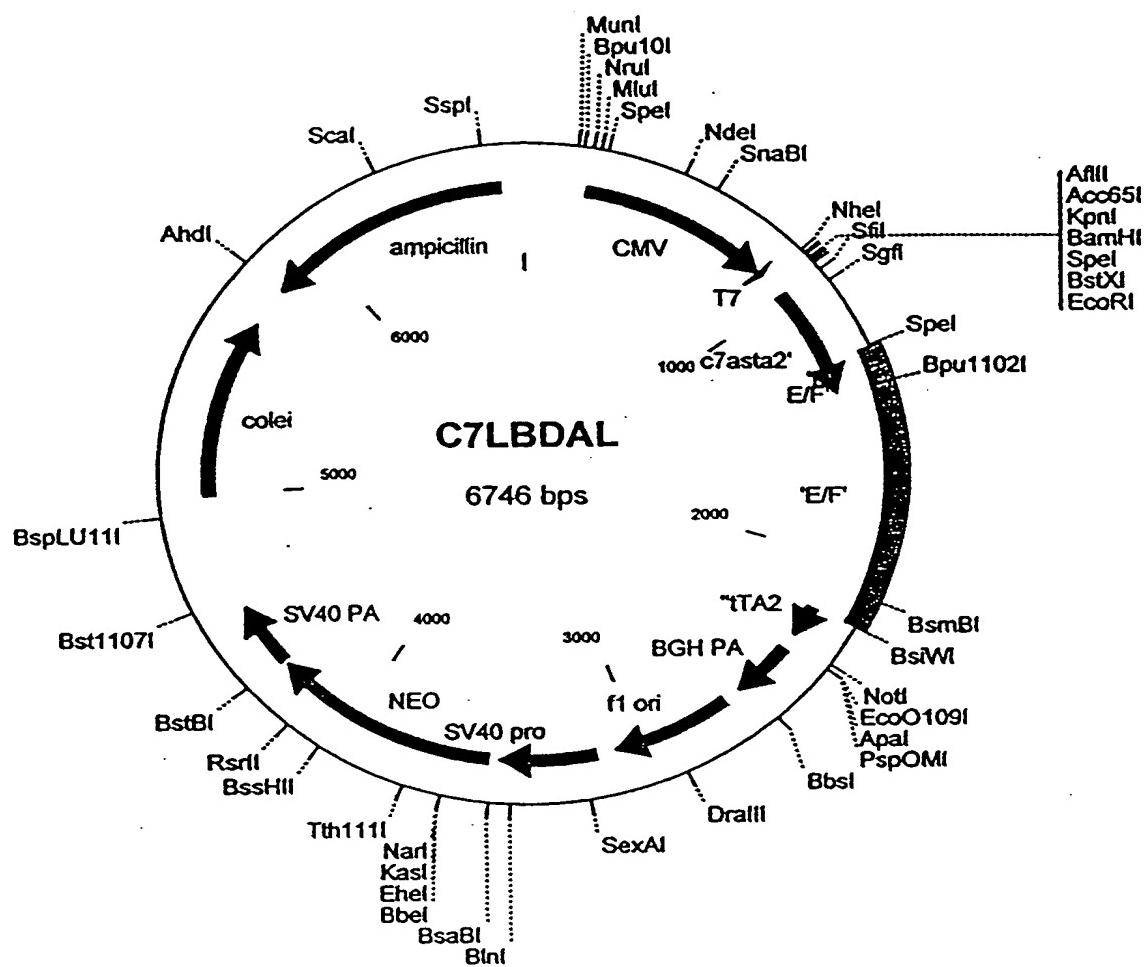


FIGURE 7

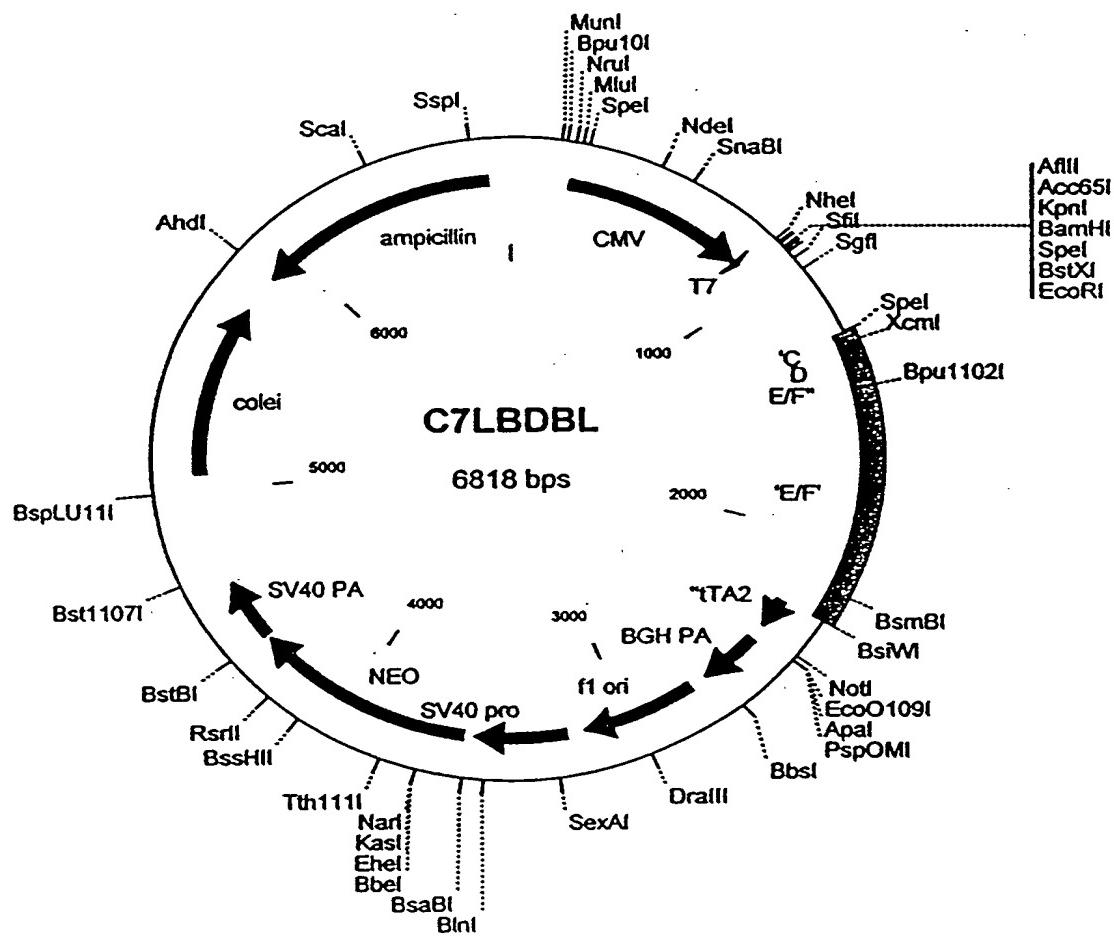


FIGURE 8

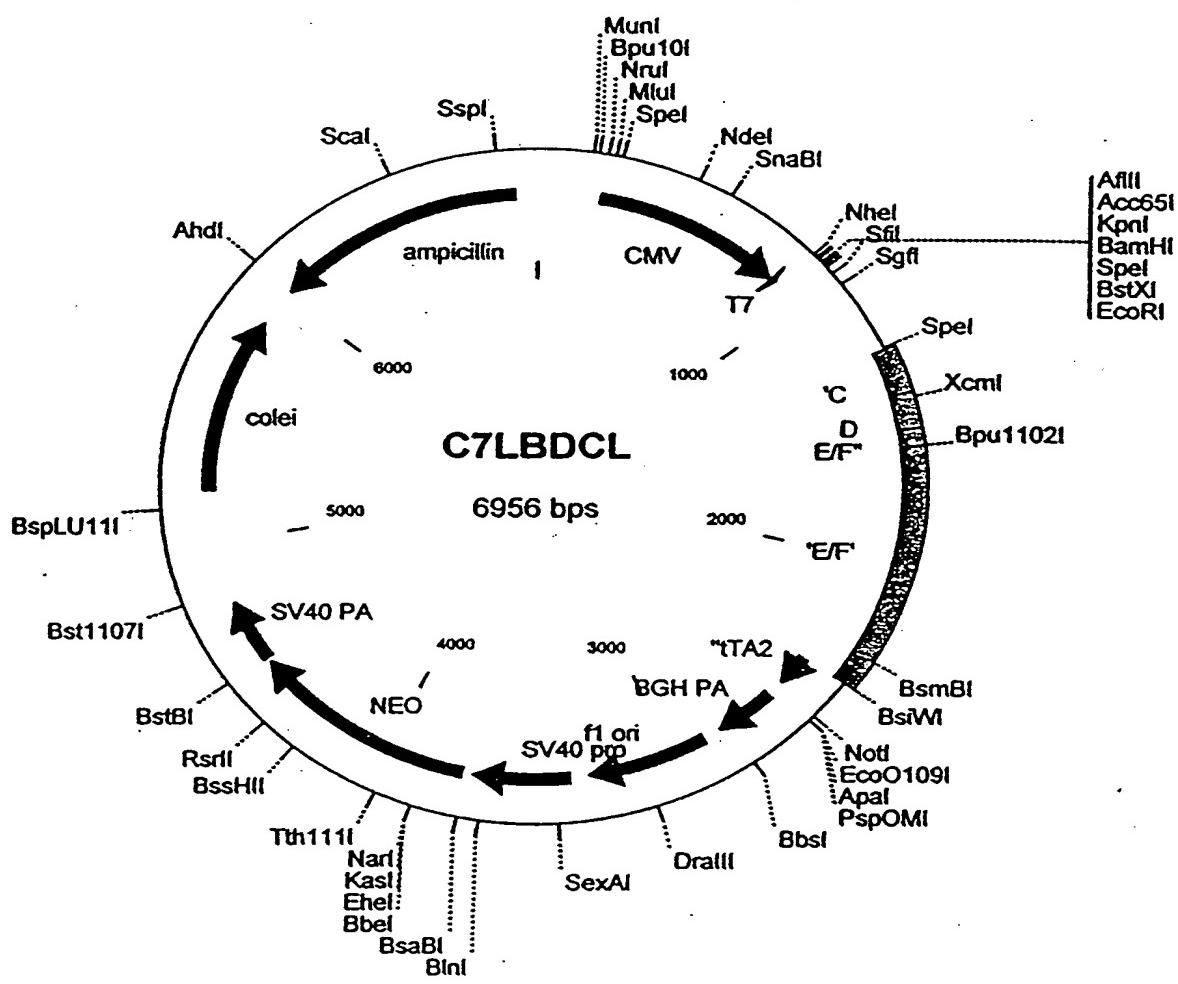
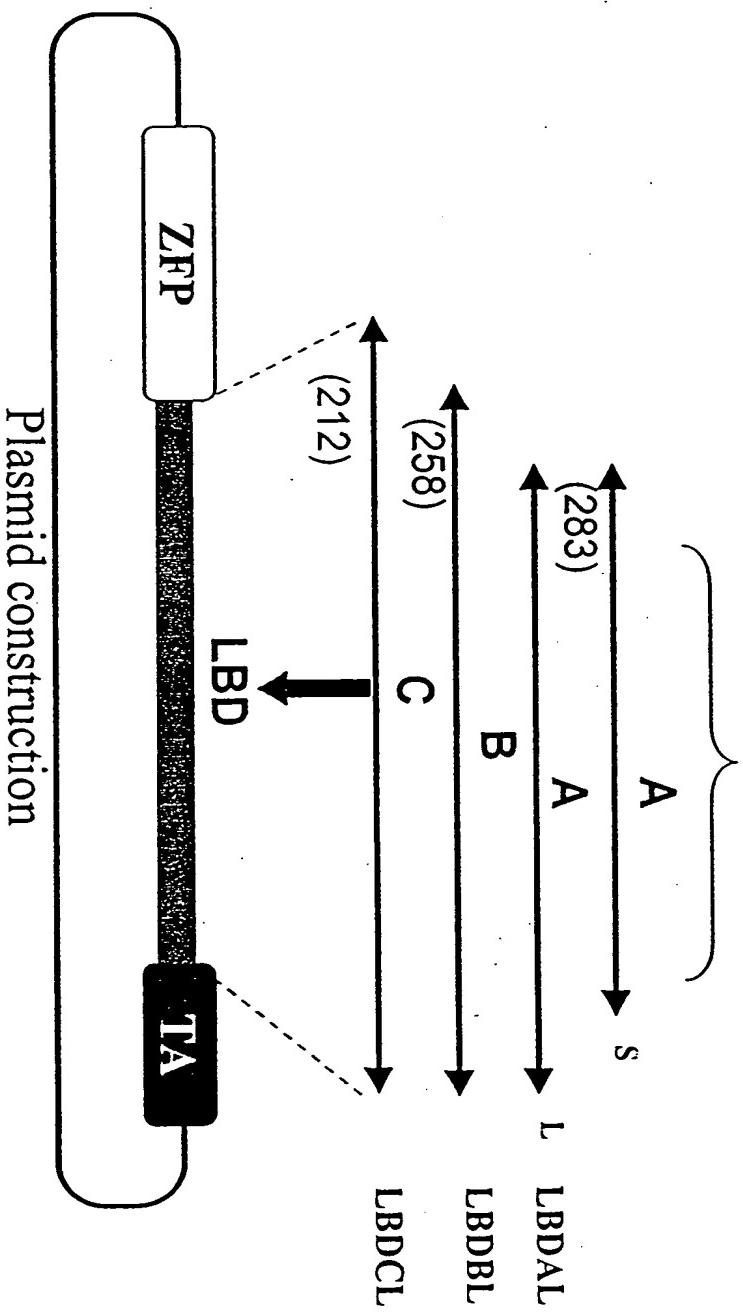


FIGURE 9

LBD Fragment



Plasmid construction

Chimerics Constructed

AS, BS, CS, AL, BL, CL

AS, BS

AS, BS, CS

ZEP	Binding Sequence
C7	GCG TGG GCG
E2C	GGG GCC GGA g
2C7	GCG TGG GCG GCG TGG GCG

FIGURE 10

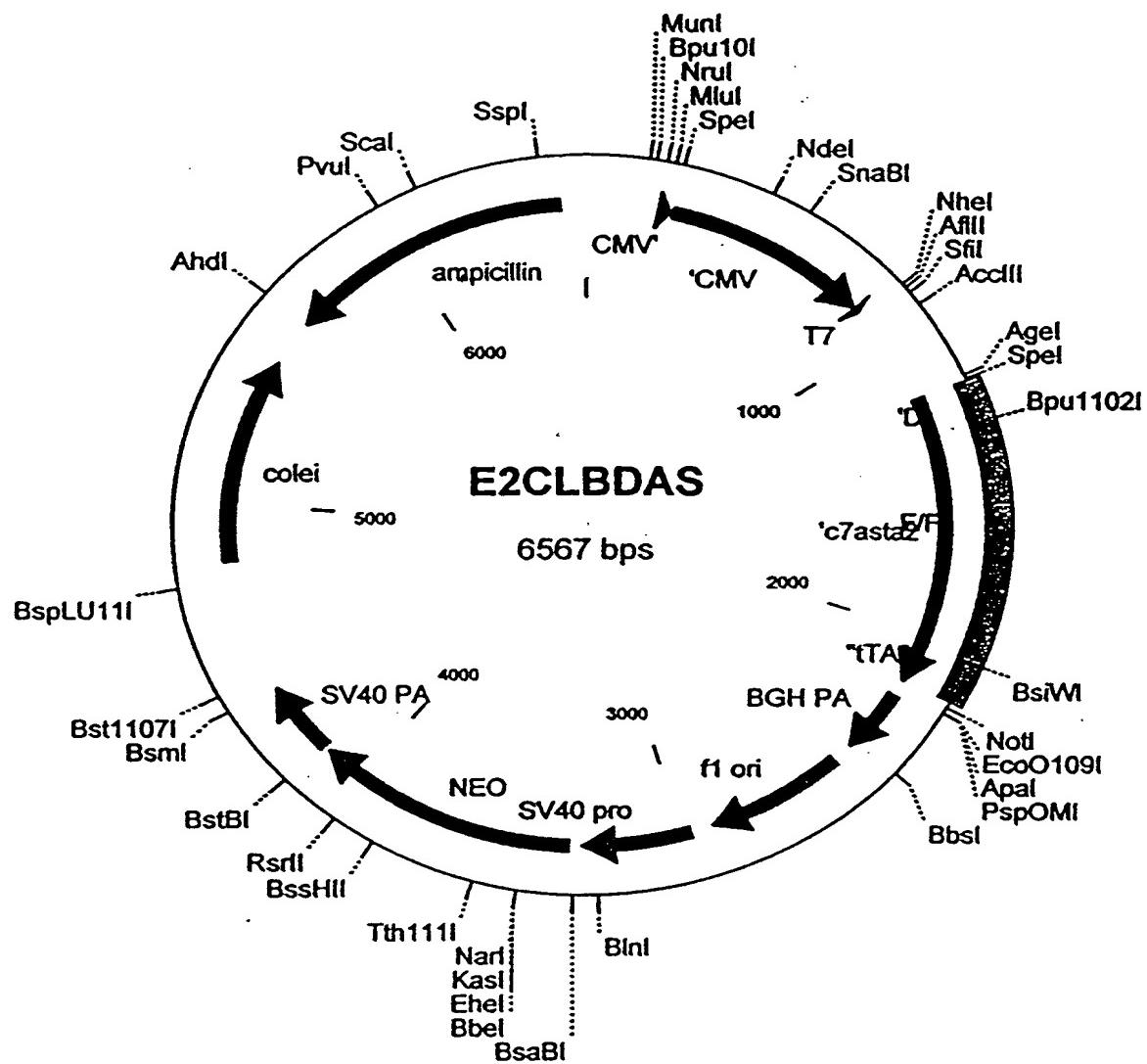


FIGURE 11

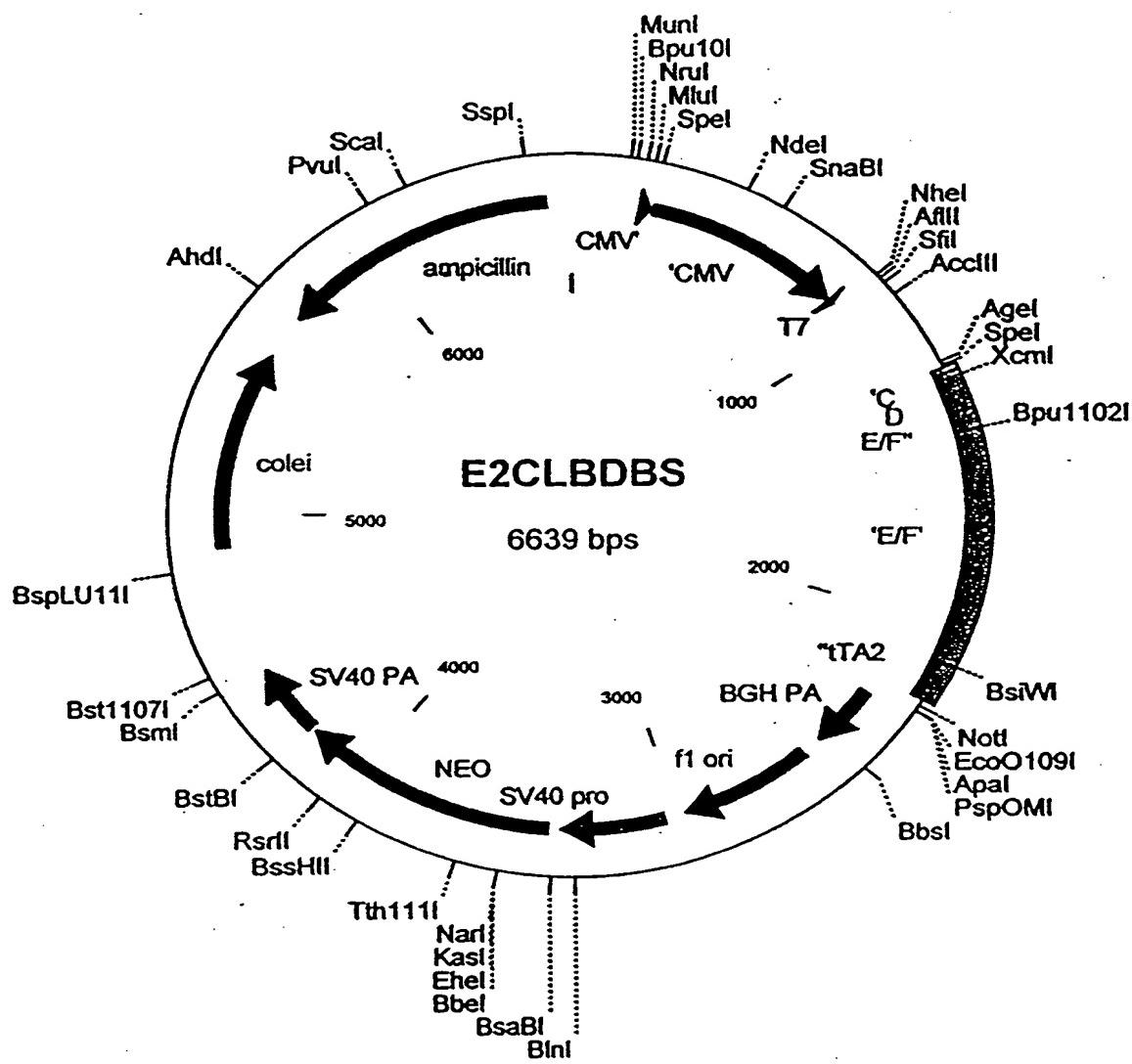


FIGURE 12

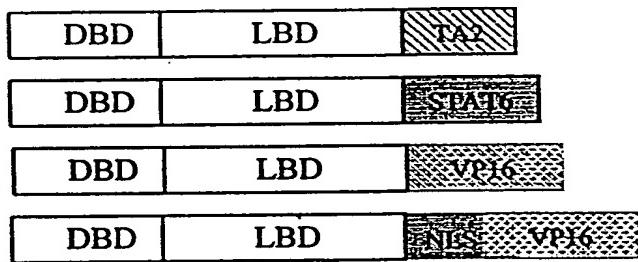
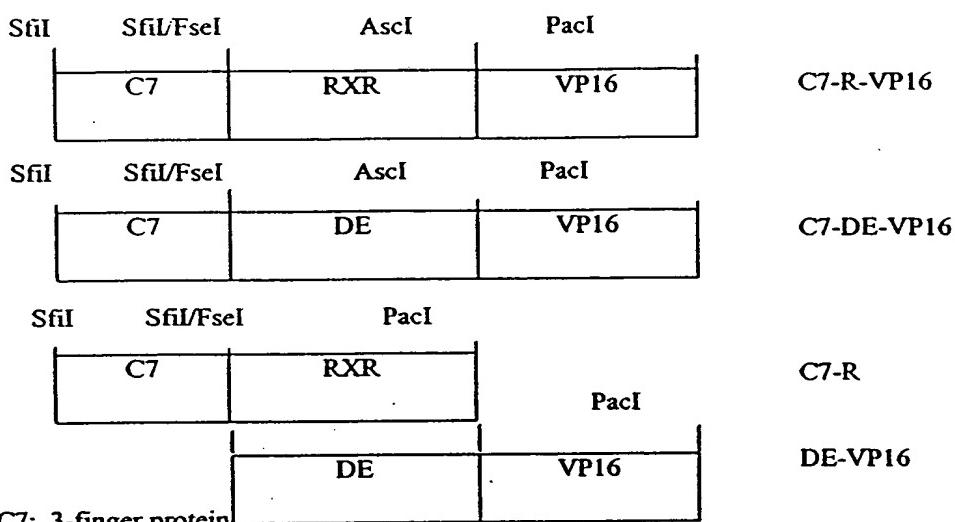


FIGURE 13



C7: 3-finger protein

RXR: mammalian RXR ligand binding domain

DE: EcR ligand binding domain from *Drosophila*

BE: EcR ligand binding domain from *Bombyx mori*

FIGURE 14

Subcloning for 2C7-LBD expression constructs

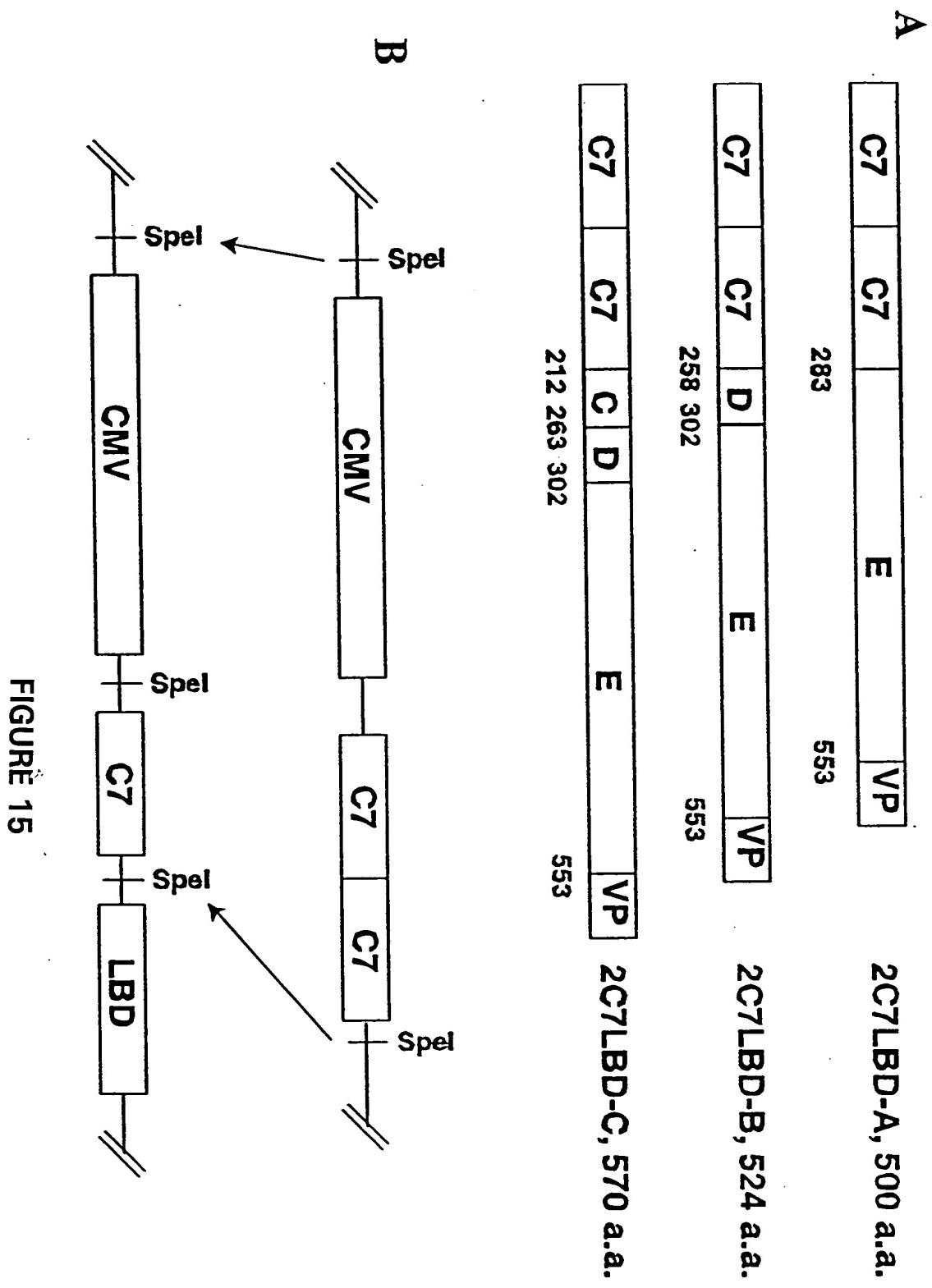


FIGURE 15

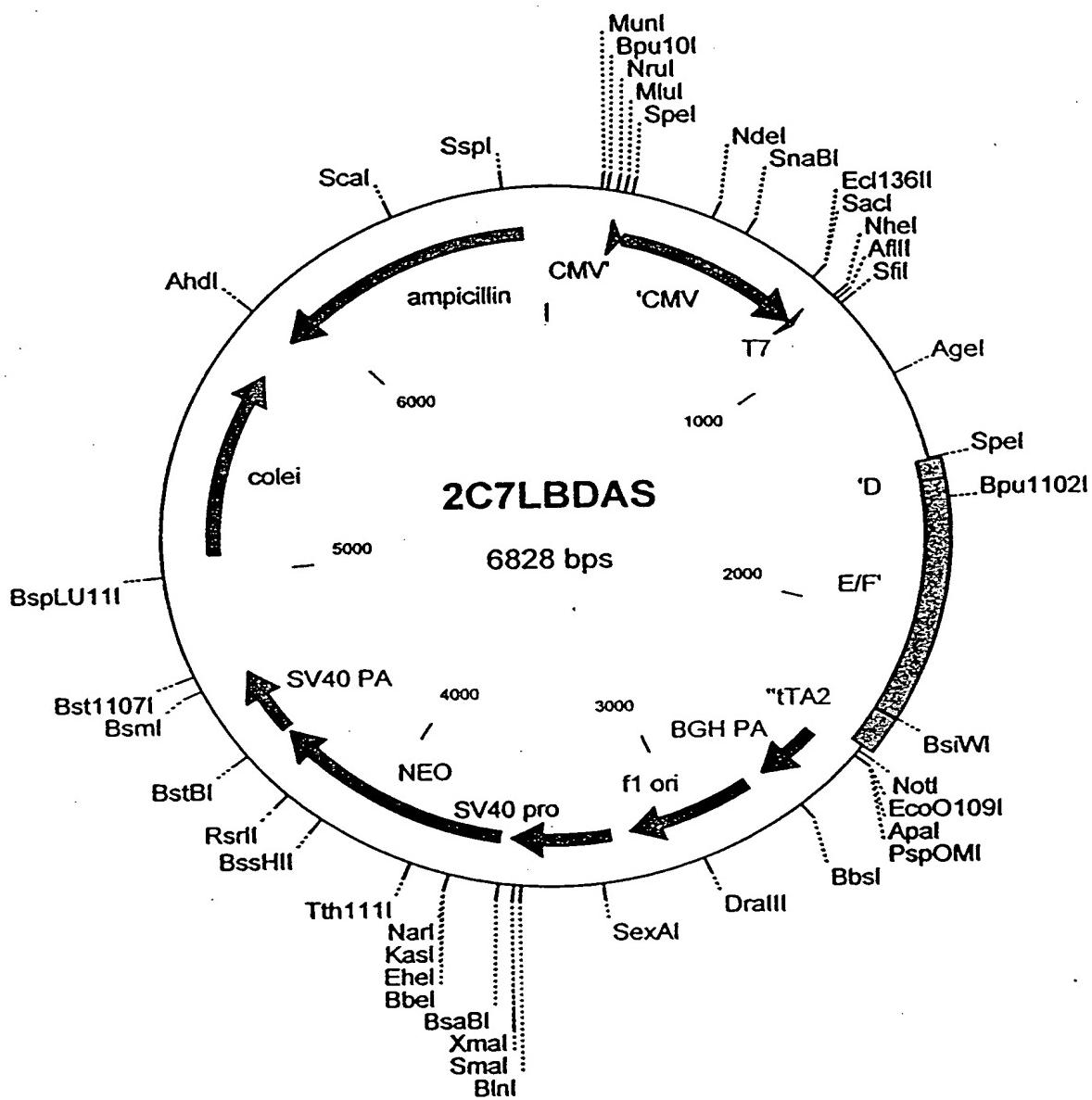


FIGURE 16

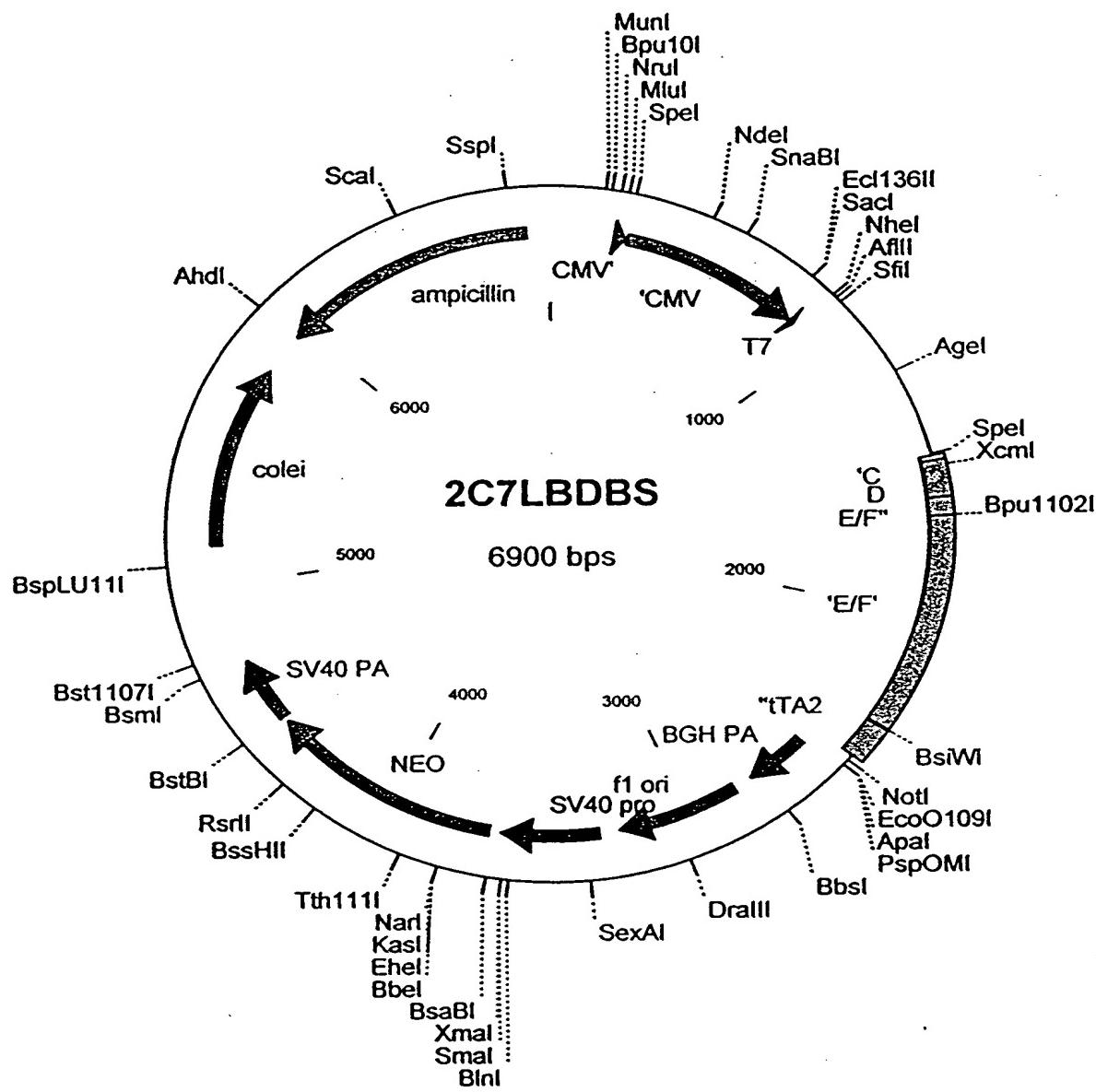


FIGURE 17

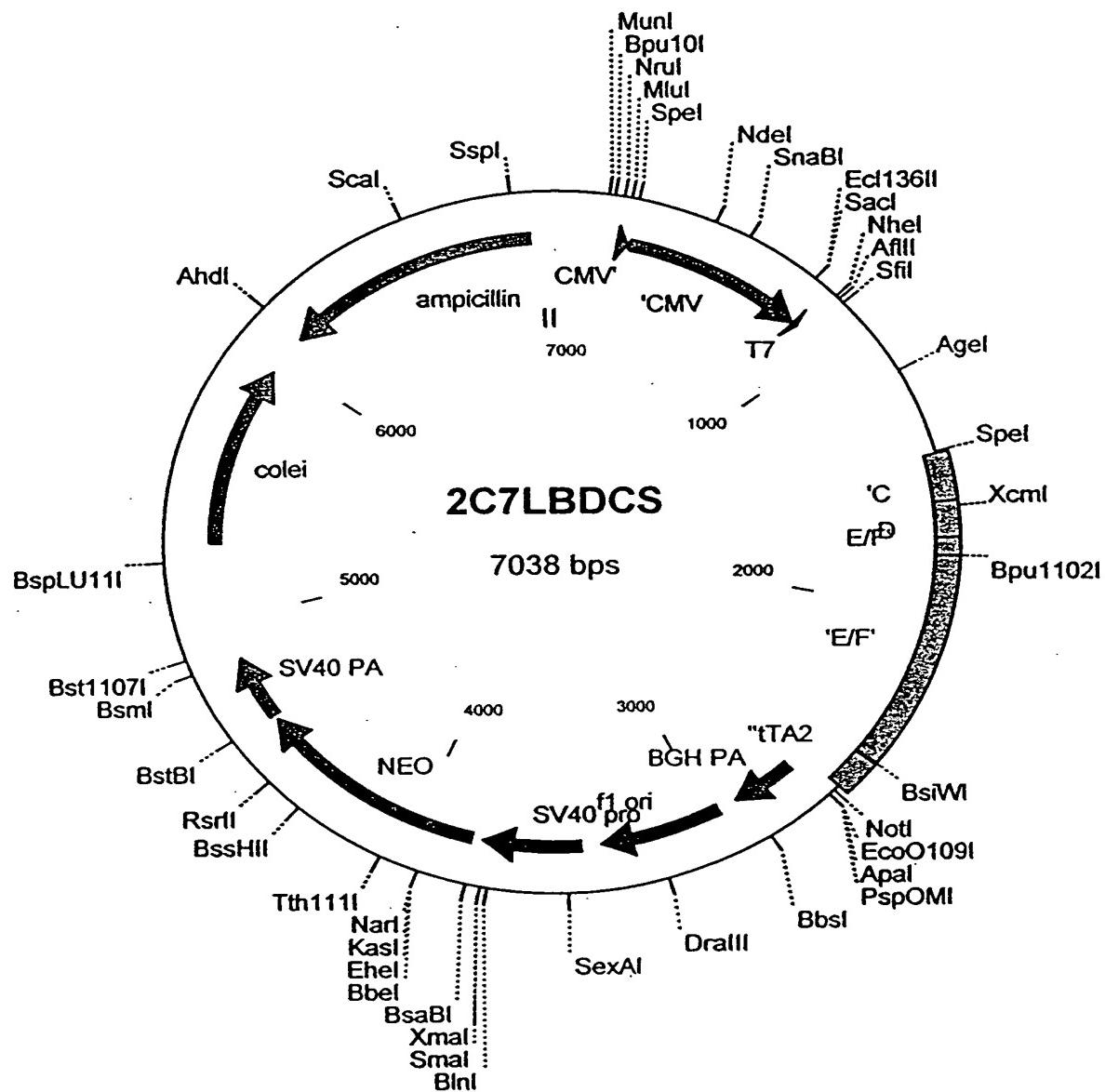


FIGURE 18

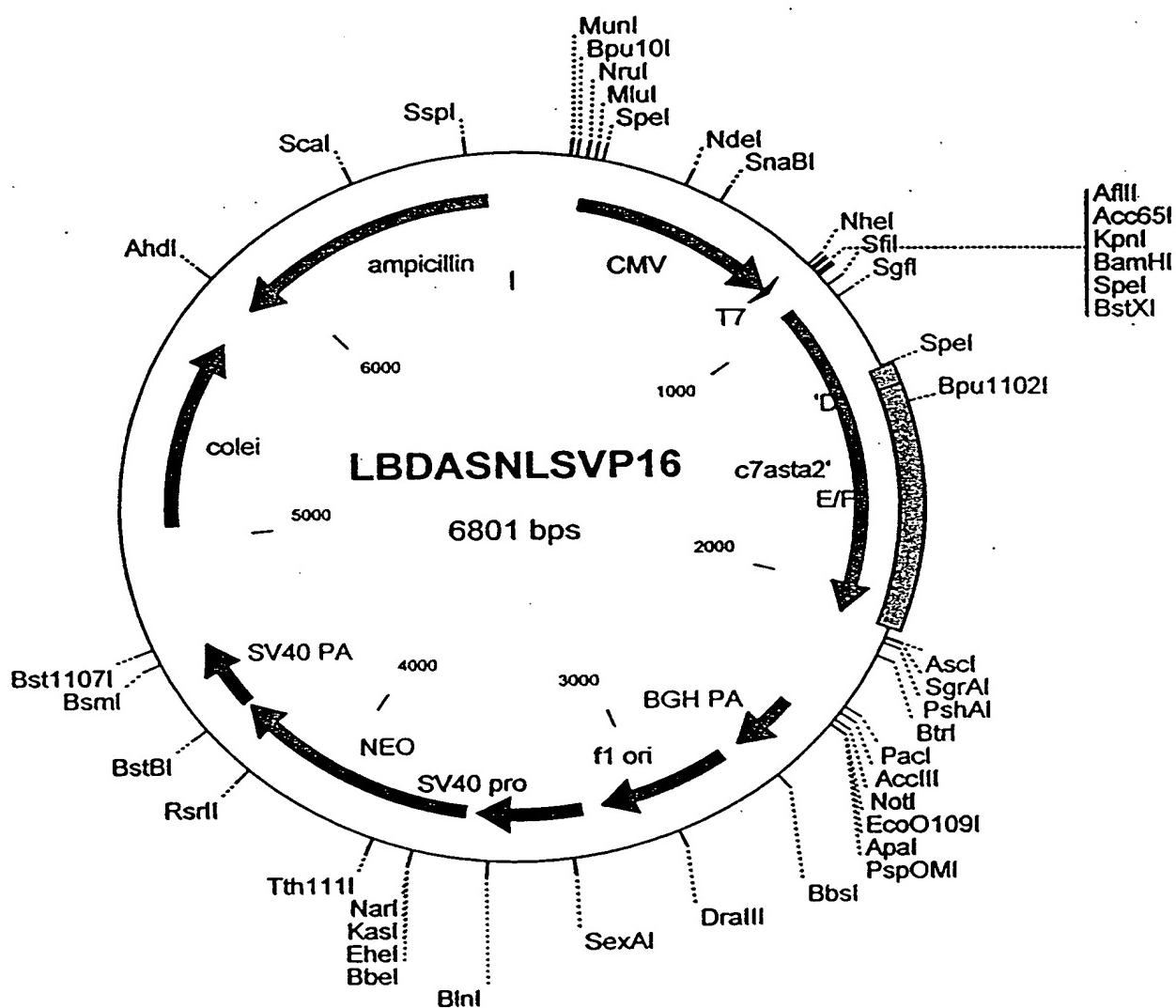


FIGURE 19

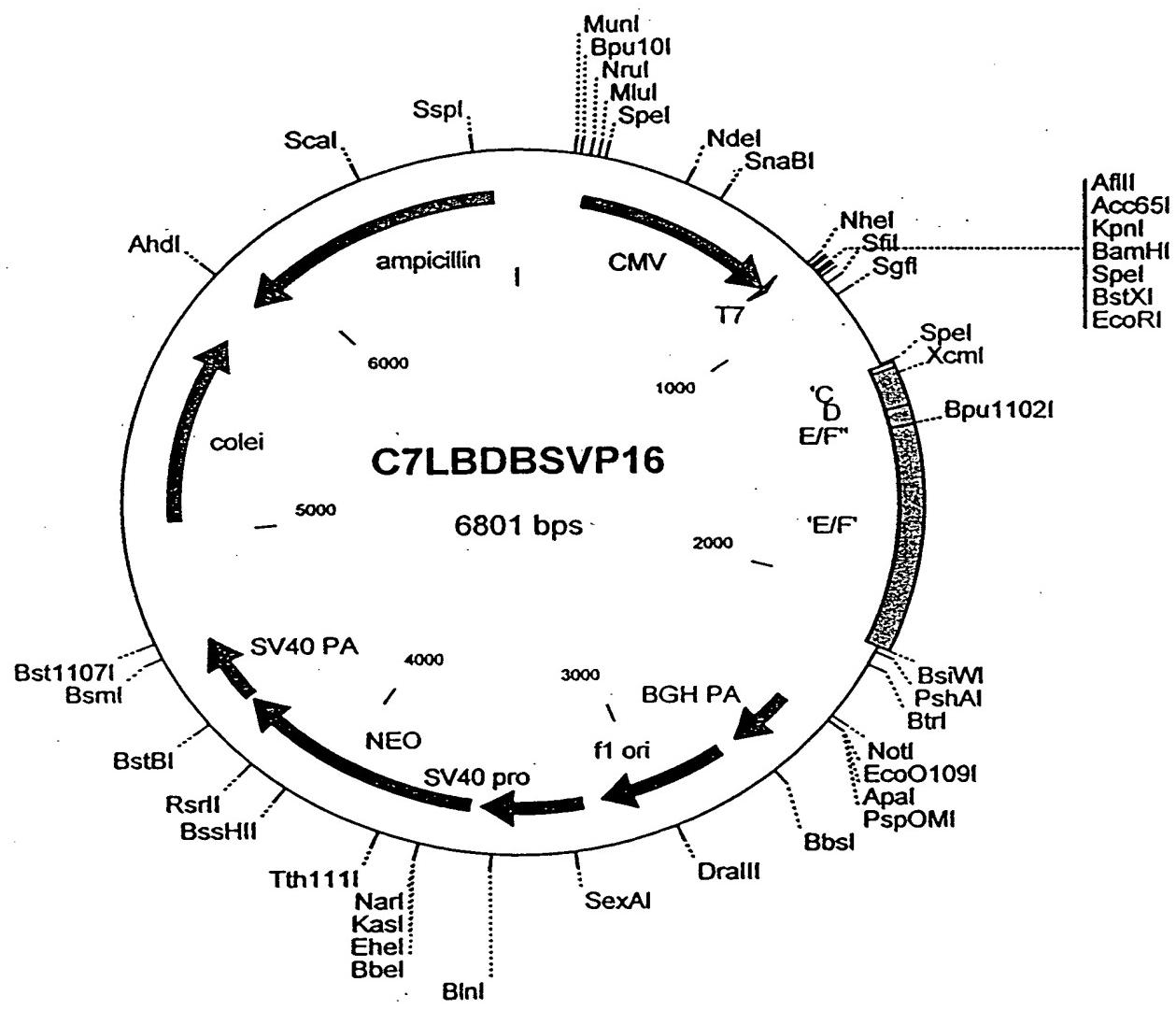


FIGURE 20

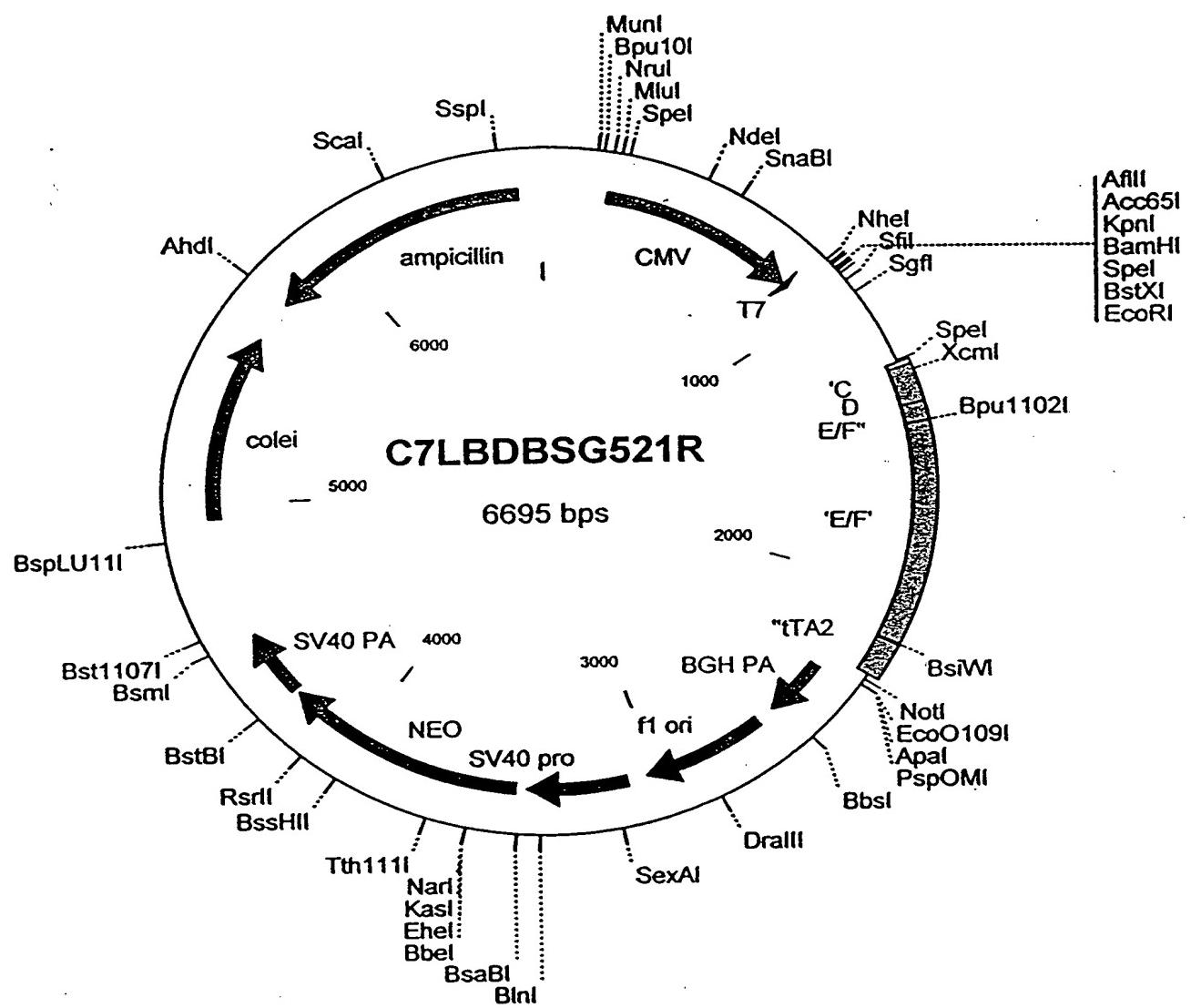


FIGURE 21

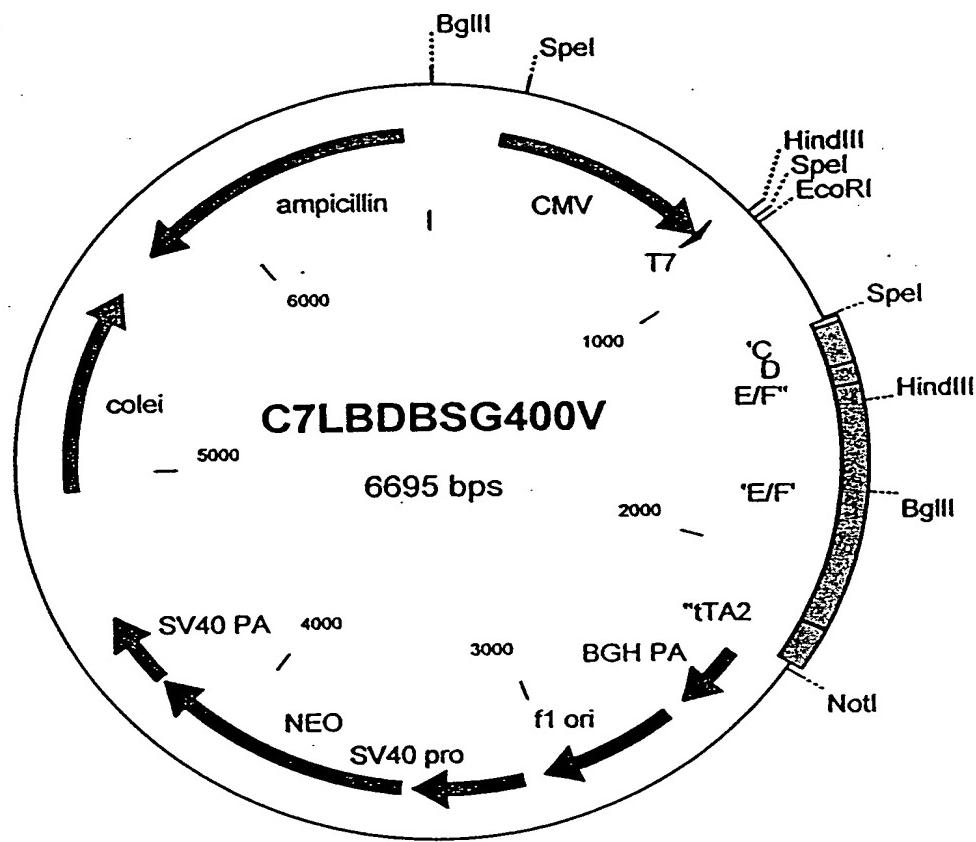
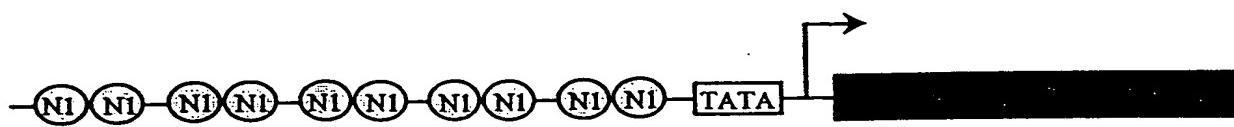


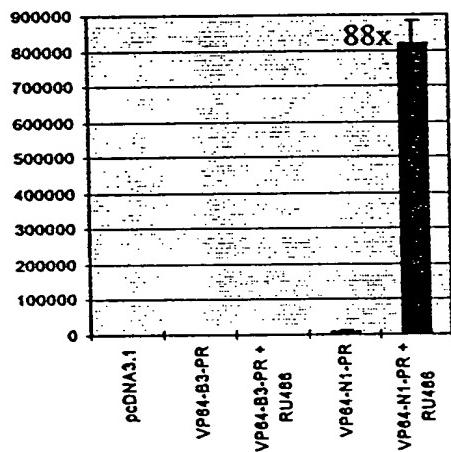
FIGURE 22

A



= GGG GTA GAA AAA GGG GTA GAA

B RU486



C Tamoxifen

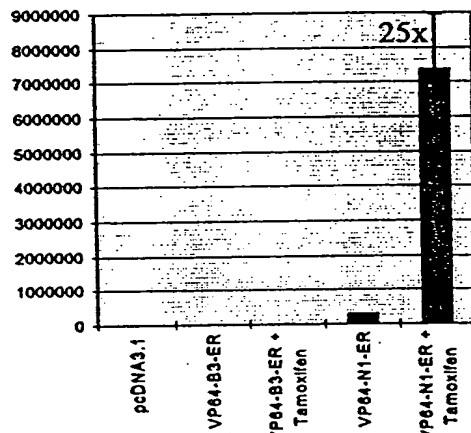
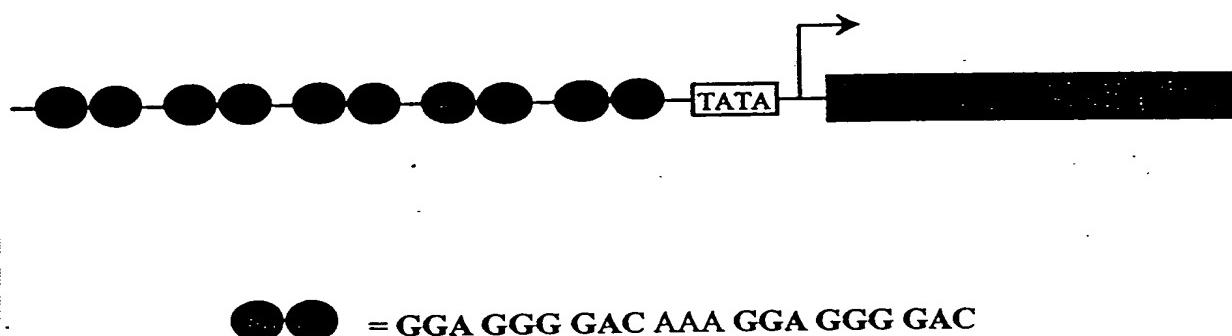


FIGURE 23

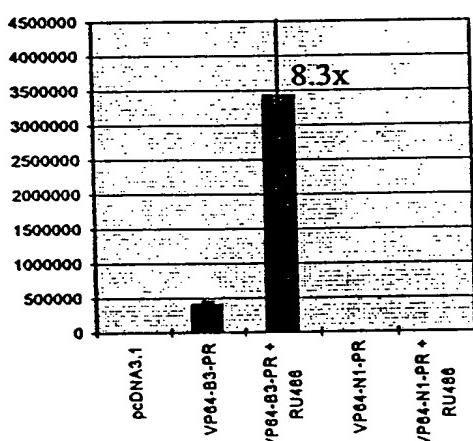
A



● ● = GGA GGG GAC AAA GGA GGG GAC

B

RU486



C

Tamoxifen

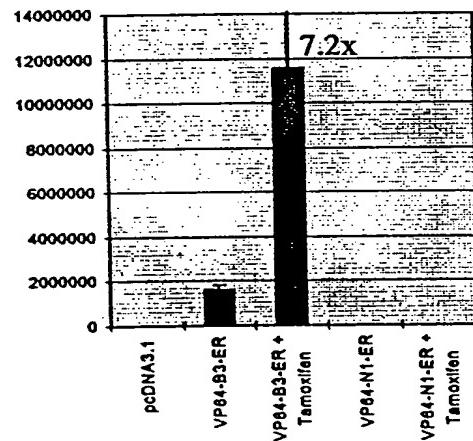
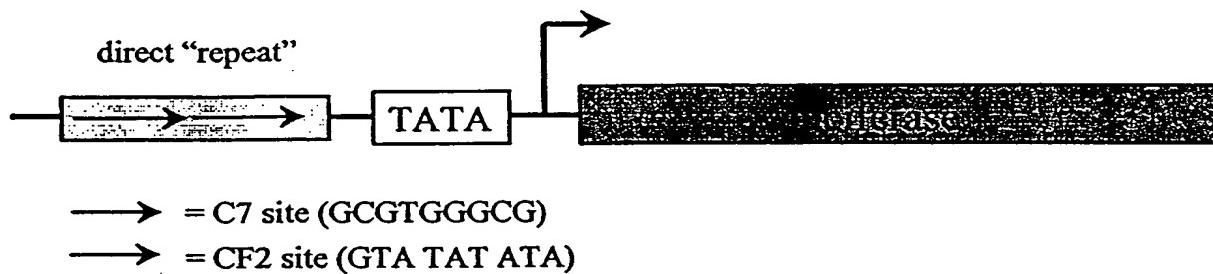


FIGURE 24

A



B

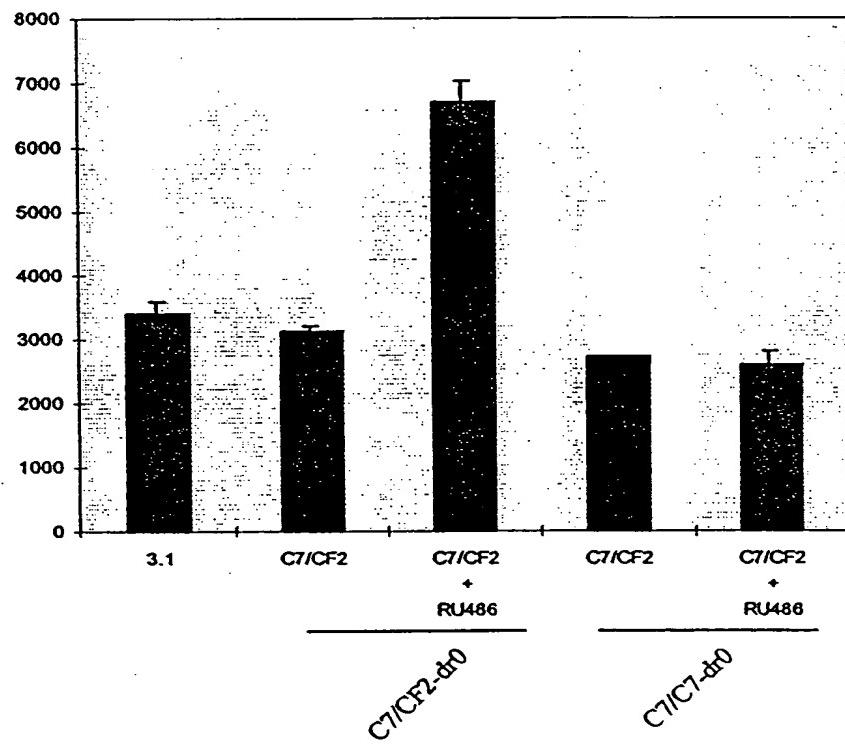


FIGURE 25

Left end shuttle plasmid for adenovirus vector construction

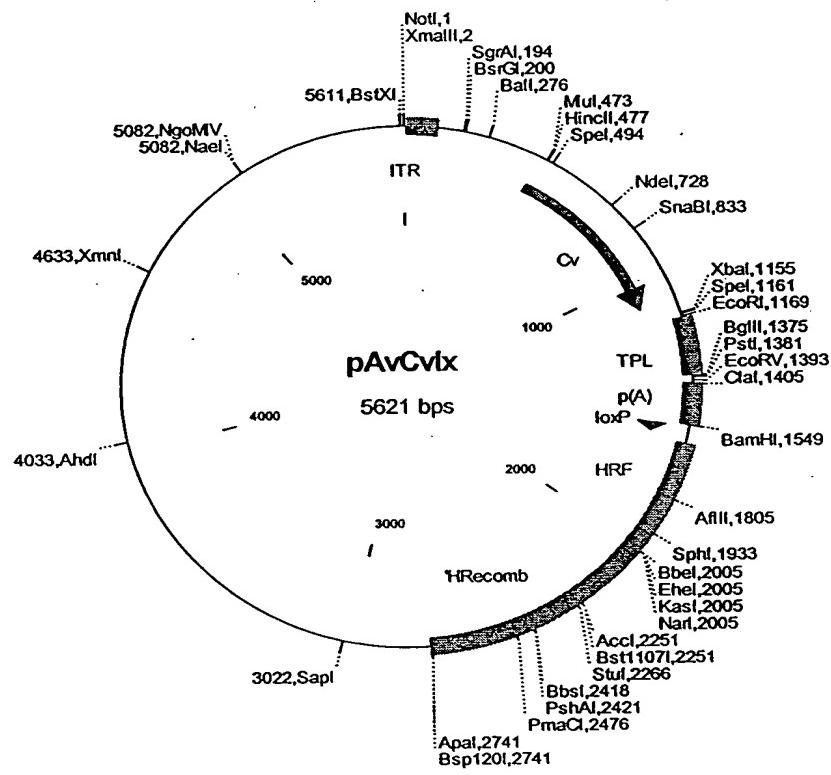


FIGURE 26

Figure 27 Right End Vector Genome-containing plasmid

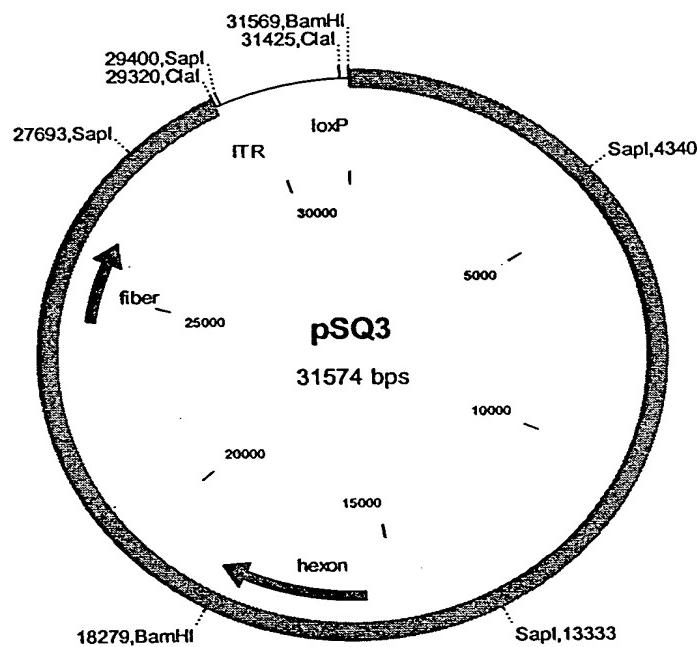


FIGURE 27

03526526 0602000